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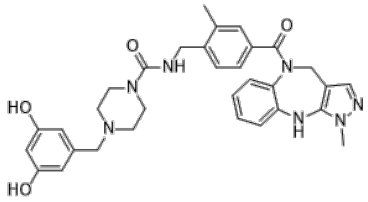
Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	WAY-267464
Cat. No.	:	PC-27264
CAS No.	:	847375-16-0
Molecular Formula	:	$C_{32}H_{35}N_7O_4$
Molecular Weight	:	581.68
Target	:	Oxytocin Receptor (OXTR)
Solubility	:	10 mM in DMSO



Biological Activity

WAY-267464 (WAY267464) is a potent, selective, non-peptide oxytocin receptor (OXTR) agonist with Ki of 58.4 nM, >100-fold selectivity over V1a, V2, V1b receptors.
WAY-267464 exhibits an anxiolytic-like profile similar to oxytocin (OT), also significantly reverses disruption in prepulse inhibition of the acoustic startle reflex induced by either MK-801 or amphetamine in vivo.

References

Ring RH, et al. Neuropharmacology. 2010 Jan;58(1):69-77.

Hicks C, et al. J Neuroendocrinol. 2012 Jul;24(7):1012-29.

Hicks C, et al. Br J Pharmacol. 2014 Jun;171(11):2868-87.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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